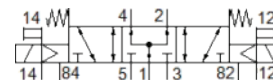
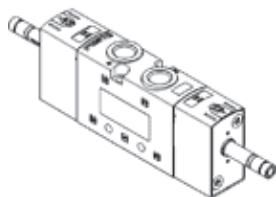


Solenoid valve

VUVS-L25-P53U-MZD-G14-F8

Part number: 575531
New

FESTO



Data sheet

Feature	values
Valve function	5/3 pressurised
Type of actuation	electrical
Width	26,5 mm
Valve size	26,5 mm
Standard nominal flow rate	1.000 l/min
Operating pressure	-0,9 ... 10 bar
Design structure	Piston slide
Type of reset	mechanical spring
Nominal size	6,3 mm
Exhaust-air function	throttleable
Sealing principle	soft
Assembly position	Any
Manual override	detenting Pushing
Type of piloting	Piloted
Pilot air supply	external
Flow direction	reversible
Freedom from overlap	Yes
Pilot pressure	2,5 ... 10 bar
b value	0,4
C value	4,3 l/sbar
Switching time off	48 ms
Switching time on	14 ms
Switching time reversal	25 ms
Operating medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Note on operating and pilot medium	Lubricated operation possible (subsequently required for further operation)
Corrosion resistance classification CRC	2
Medium temperature	-10 ... 60 °C
Pilot medium	Compressed air in accordance with ISO8573-1:2010 [7:4:4]
Ambient temperature	-10 ... 60 °C
Product weight	324 g
Mounting type	on manifold rail with through hole Optional
Scavenging orifice connection	Non-ducted
Pilot exhaust port 82	M5
Pilot exhaust port 84	M5
Pilot air port 12	M5
Pilot air port 14	M5
Pneumatic connection, port 1	G1/4
Pneumatic connection, port 2	G1/4
Pneumatic connection, port 3	G1/4
Pneumatic connection, port 4	G1/4
Pneumatic connection, port 5	G1/4
Materials note	Conforms to RoHS
Materials information for seals	HNBR NBR
Materials information, housing	Aluminium die cast
Material information, piston spool	Wrought Aluminium alloy